

OIE

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/476,290CRF Processing Date: 8/22/2001
Edited by: A
Verified by: A (STIC stat)
#7

Changed a file from non-ASCII to ASCII

ENTERED

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: ..

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/476,290

DATE: 08/22/2001
TIME: 17:13:38

Input Set : A:\Pto.amc
Output Set: N:\CRF3\08162001\I476290.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

- 6 (i) APPLICANT: JOHNSON JR, EUGENE M
MILBRANDT, JEFFREY D
KOTZBAUER, PAUL T
LAMPE, PATRICIA A
- 11 (ii) TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
- 13 (iii) NUMBER OF SEQUENCES: 169
- 15 (iv) CORRESPONDENCE ADDRESS:
 - 16 (A) ADDRESSEE: HOWELL & HAVERKAMP, L.C.
 - 17 (B) STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
 - 18 (C) CITY: ST. LOUIS
 - 19 (D) STATE: MISSOURI
 - 20 (E) COUNTRY: US
 - 21 (F) ZIP: 63105-1817
- 23 (v) COMPUTER READABLE FORM:
 - 24 (A) MEDIUM TYPE: Floppy disk
 - 25 (B) COMPUTER: IBM PC compatible
 - 26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - 27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- 29 (vi) CURRENT APPLICATION DATA:
 - C--> 30 (A) APPLICATION NUMBER: US/09/476,290
 - C--> 31 (B) FILING DATE: 13-Apr-1998
 - 32 (C) CLASSIFICATION:

- 34 (viii) ATTORNEY/AGENT INFORMATION:
 - 35 (A) NAME: HOLLAND, DONALD R
 - 36 (B) REGISTRATION NUMBER: 35,197
 - 37 (C) REFERENCE/DOCKET NUMBER: 6029-3161

- 38 (ix) TELECOMMUNICATION INFORMATION:
 - 39 (A) TELEPHONE: (314) 727-5188
 - 40 (B) TELEFAX: (314) 727-6092

43 (2) INFORMATION FOR SEQ ID NO: 1:

- 45 (i) SEQUENCE CHARACTERISTICS:
 - 46 (A) LENGTH: 102 amino acids
 - 47 (B) TYPE: amino acid
 - 48 (D) TOPOLOGY: linear

- 50 (ii) MOLECULE TYPE: protein

- 54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Ala	Arg	Leu	Gly	Ala	Arg	Pro	Cys	Gly	Leu	Arg	Glu	Leu	Glu	Val	Arg
1		5			10					15					
Val	Ser	Glu	Leu	Gly	Leu	Gly	Tyr	Ala	Ser	Asp	Glu	Thr	Val	Leu	Phe
20		25								30					
Arg	Tyr	Cys	Ala	Gly	Ala	Cys	Glu	Ala	Ala	Arg	Val	Tyr	Asp	Leu	
35		40								45					
Gly	Leu	Arg	Arg	Leu	Arg	Gln	Arg	Arg	Leu	Arg	Arg	Glu	Arg	Val	
50		55								60					
Arg	Ala	Gln	Pro	Cys	Cys	Arg	Pro	Thr	Ala	Tyr	Glu	Asp	Glu	Val	Ser

RAW SEQUENCE LISTING
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69 65 70 75 80
71 Phe Leu Asp Ala His Ser Arg Tyr His Thr Val His Glu Leu Ser Ala
72 85 90 95
74 Arg Glu Cys Ala Cys Val
75 100

77 (2) INFORMATION FOR SEQ ID NO: 2:

79 (i) SEQUENCE CHARACTERISTICS:

- 80 (A) LENGTH: 100 amino acids
- 81 (B) TYPE: amino acid
- 82 (D) TOPOLOGY: linear

84 (ii) MOLECULE TYPE: protein

88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

90 Pro Gly Ala Arg Pro Cys Gly Leu Arg Glu Leu Glu Val Arg Val Ser
91 1 5 10 15
93 Glu Leu Gly Leu Gly Tyr Thr Ser Asp Glu Thr Val Leu Phe Arg Tyr
94 20 25 30
96 Cys Ala Gly Ala Cys Glu Ala Ala Ile Arg Ile Tyr Asp Leu Gly Leu
97 35 40 45
99 Arg Arg Leu Arg Gln Arg Arg Val Arg Arg Glu Arg Ala Arg Ala
100 50 55 60
102 His Pro Cys Cys Arg Pro Thr Ala Tyr Glu Asp Glu Val Ser Phe Leu
103 65 70 75 80
105 Asp Val His Ser Arg Tyr His Thr Leu Gln Glu Leu Ser Ala Arg Glu
106 85 90 95
108 Cys Ala Cys Val
109 100

111 (2) INFORMATION FOR SEQ ID NO: 3:

113 (i) SEQUENCE CHARACTERISTICS:

- 114 (A) LENGTH: 16 amino acids
- 115 (B) TYPE: amino acid
- 116 (D) TOPOLOGY: linear

118 (ii) MOLECULE TYPE: peptide

121 (ix) FEATURE:

- 122 (A) NAME/KEY: Modified-site
- 123 (B) LOCATION: 6
- 124 (D) OTHER INFORMATION: /note= "ANY AMINO ACID"

127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

W--> 129 Ser Gly Ala Arg Pro Xaa Gly Leu Arg Glu Leu Glu Val Ser Val Ser
130 1 5 10 15

133 (2) INFORMATION FOR SEQ ID NO: 4:

135 (i) SEQUENCE CHARACTERISTICS:

- 136 (A) LENGTH: 10 amino acids
- 137 (B) TYPE: amino acid
- 138 (D) TOPOLOGY: linear

140 (ii) MOLECULE TYPE: peptide

143 (ix) FEATURE:

- 144 (A) NAME/KEY: Modified-site
- 145 (B) LOCATION: 1
- 146 (D) OTHER INFORMATION: /note= "ANY AMINO ACID"

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/476,290

DATE: 08/22/2001
TIME: 17:13:38

Input Set : A:\Pto.amc
Output Set: N:\CRF3\08162001\I476290.raw

148 (ix) FEATURE:
 149 (A) NAME/KEY: Modified-site
 150 (B) LOCATION: 6
 151 (D) OTHER INFORMATION: /note= "SERINE OR CYSTEINE"
 154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 W--> 156 Xaa Cys Ala Gly Ala Xaa Glu Ala Ala Val
 157 1 5 10
 159 (2) INFORMATION FOR SEQ ID NO: 5:
 161 (i) SEQUENCE CHARACTERISTICS:
 162 (A) LENGTH: 23 amino acids
 163 (B) TYPE: amino acid
 164 (D) TOPOLOGY: linear
 166 (ii) MOLECULE TYPE: peptide
 169 (ix) FEATURE:
 170 (A) NAME/KEY: Modified-site
 171 (B) LOCATION: 1
 172 (D) OTHER INFORMATION: /note= "ANY AMINO ACID"
 174 (ix) FEATURE:
 175 (A) NAME/KEY: Modified-site
 176 (B) LOCATION: 2
 177 (D) OTHER INFORMATION: /note= "ANY AMINO ACID"
 179 (ix) FEATURE:
 180 (A) NAME/KEY: Modified-site
 181 (B) LOCATION: 17
 182 (D) OTHER INFORMATION: /note= "GLUTAMINE OR GLUTAMIC ACID"
 185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
 W--> 187 Xaa Xaa Val Glu Ala Lys Pro Cys Cys Gly Pro Thr Ala Tyr Glu Asp
 188 1 5 10 15
 W--> 190 Xaa Val Ser Phe Leu Ser Val
 191 20
 193 (2) INFORMATION FOR SEQ ID NO: 6:
 195 (i) SEQUENCE CHARACTERISTICS:
 196 (A) LENGTH: 10 amino acids
 197 (B) TYPE: amino acid
 198 (D) TOPOLOGY: linear
 200 (ii) MOLECULE TYPE: peptide
 204 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 206 Tyr His Thr Leu Gln Glu Leu Ser Ala Arg
 207 1 5 10
 209 (2) INFORMATION FOR SEQ ID NO: 7:
 211 (i) SEQUENCE CHARACTERISTICS:
 212 (A) LENGTH: 197 amino acids
 213 (B) TYPE: amino acid
 214 (D) TOPOLOGY: linear
 216 (ii) MOLECULE TYPE: protein
 220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
 222 Met Gln Arg Trp Lys Ala Ala Leu Ala Ser Val Leu Cys Ser Ser
 223 1 5 10 15
 225 Val Leu Ser Ile Trp Met Cys Arg Glu Gly Leu Leu Ser His Arg

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/476,290

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226      20      25      30
228 Leu Gly Pro Ala Leu Val Pro Leu His Arg Leu Pro Arg Thr Leu Asp
229      35      40      45
231 Ala Arg Ile Ala Arg Leu Ala Gln Tyr Arg Ala Leu Leu Gln Gly Ala
232      50      55      60
234 Pro Asp Ala Met Glu Leu Arg Glu Leu Thr Pro Trp Ala Gly Arg Pro
235      65      70      75      80
237 Pro Gly Pro Arg Arg Ala Gly Pro Arg Arg Arg Ala Arg Ala
238      85      90      95
240 Arg Leu Gly Ala Arg Pro Cys Gly Leu Arg Glu Leu Glu Val Arg Val
241      100     105     110
243 Ser Glu Leu Gly Leu Gly Tyr Ala Ser Asp Glu Thr Val Leu Phe Arg
244      115     120     125
246 Tyr Cys Ala Gly Ala Cys Glu Ala Ala Ala Arg Val Tyr Asp Leu Gly
247      130     135     140
249 Leu Arg Arg Leu Arg Gln Arg Arg Arg Leu Arg Arg Glu Arg Val Arg
250      145     150     155      160
252 Ala Gln Pro Cys Cys Arg Pro Thr Ala Tyr Glu Asp Glu Val Ser Phe
253      165     170     175
255 Leu Asp Ala His Ser Arg Tyr His Thr Val His Glu Leu Ser Ala Arg
256      180     185     190
258 Glu Cys Ala Cys Val
259      195

```

261 (2) INFORMATION FOR SEQ ID NO: 8:

- 263 (i) SEQUENCE CHARACTERISTICS:
 - 264 (A) LENGTH: 195 amino acids
 - 265 (B) TYPE: amino acid
 - 266 (D) TOPOLOGY: linear

268 (ii) MOLECULE TYPE: protein

272 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

```

274 Met Arg Arg Trp Lys Ala Ala Ala Leu Val Ser Leu Ile Cys Ser Ser
275      1       5       10      15
277 Leu Leu Ser Val Trp Met Cys Gln Glu Gly Leu Leu Leu Gly His Arg
278      20      25      30
280 Leu Gly Pro Ala Leu Ala Pro Leu Arg Arg Pro Pro Arg Thr Leu Asp
281      35      40      45
283 Ala Arg Ile Ala Arg Leu Ala Gln Tyr Arg Ala Leu Leu Gln Gly Ala
284      50      55      60
286 Pro Asp Ala Val Glu Leu Arg Glu Leu Ser Pro Trp Ala Ala Arg Ile
287      65      70      75      80
289 Pro Gly Pro Arg Arg Ala Gly Pro Arg Arg Arg Ala Arg Pro
290      85      90      95
292 Gly Ala Arg Pro Cys Gly Leu Arg Glu Leu Glu Val Arg Val Ser Glu
293      100     105     110
295 Leu Gly Leu Gly Tyr Thr Ser Asp Glu Thr Val Leu Phe Arg Tyr Cys
296      115     120     125
298 Ala Gly Ala Cys Glu Ala Ala Ile Arg Ile Tyr Asp Leu Gly Leu Arg
299      130     135     140
301 Arg Leu Arg Gln Arg Arg Val Arg Arg Glu Arg Ala Arg Ala His

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/476,290

DATE: 08/22/2001
TIME: 17:13:39

Input Set : A:\Pto.amc
Output Set: N:\CRF3\08162001\I476290.raw

302	145	150	155	160
304	Pro Cys Cys Arg Pro Thr Ala Tyr Glu Asp Glu Val Ser Phe Leu Asp			
305		165	170	175
307	Val His Ser Arg Tyr His Thr Leu Gln Glu Leu Ser Ala Arg Glu Cys			
308		180	185	190
310	Ala Cys Val			
311		195		

313 (2) INFORMATION FOR SEQ ID NO: 9:

- 315 (i) SEQUENCE CHARACTERISTICS:
 - 316 (A) LENGTH: 306 base pairs
 - 317 (B) TYPE: nucleic acid
 - 318 (C) STRANDEDNESS: single
 - 319 (D) TOPOLOGY: linear

321 (ii) MOLECULE TYPE: cDNA

325 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

327	GCGCGGTTGG	GGGCCGCGGCC	TTGCGGGCTG	CGCGAGCTGG	AGGTGCGCGT	GAGCGAGCTG	60
329	GGCCTGGGCT	ACGCGTCCGA	CGAGACGGTG	CTGTTCCGCT	ACTGCGCAGG	CGCCTGCGAG	120
331	GCTGCCGCGC	GCGTCTACGA	CCTCGGGCTG	CGACGACTGC	GCCAGCGCG	GCGCCTGCGG	180
333	CGGGAGCGGG	TGCGCGCGCA	CCCCCTGCTGC	CGCCCGACGG	CCTACGAGGA	CGAGGTGTCC	240
335	TTCCTGGACG	CGCACAGCCG	CTACCACACG	GTGCACGAGC	TGTCGGCGCG	CGAGTGCGCC	300
337	TGCGTG						306

339 (2) INFORMATION FOR SEQ ID NO: 10:

- 341 (i) SEQUENCE CHARACTERISTICS:
 - 342 (A) LENGTH: 300 base pairs
 - 343 (B) TYPE: nucleic acid
 - 344 (C) STRANDEDNESS: single
 - 345 (D) TOPOLOGY: linear

347 (ii) MOLECULE TYPE: cDNA

351 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

353	CCGGGGGCTC	GGCCTTGTGG	GCTGCGCGAG	CTCGAGGTGC	GCGTGAGCGA	GCTGGGCCTG	60
355	GGCTACACGT	CGGATGAGAC	CGTGCTGTC	CGCTACTGCG	CAGGCGCGTG	CGAGGCGGCC	120
357	ATCCGCATCT	ACGACCTGGG	CCTTCGGCGC	CTGCGCCAGC	GGAGGCGCGT	GCGCAGAGAG	180
359	CGGGCGCGGG	CGCACCCGTG	TTGTCGCCCG	ACGGCCTATG	AGGACGAGGT	GTCCTTCCTG	240
361	GACGTGCACA	GCCGCTACCA	CACGCTGCAA	GAGCTGTCGG	CGCGGGAGTG	CGCGTGCCTG	300

364 (2) INFORMATION FOR SEQ ID NO: 11:

- 366 (i) SEQUENCE CHARACTERISTICS:
 - 367 (A) LENGTH: 591 base pairs
 - 368 (B) TYPE: nucleic acid
 - 369 (C) STRANDEDNESS: single
 - 370 (D) TOPOLOGY: linear

372 (ii) MOLECULE TYPE: cDNA

376 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

378	ATGCAGCGCT	GGAAAGGCGGC	GGCCTTGGCC	TCAGTGCTCT	GCAGCTCCGT	GCTGTCCATC	60
380	TGGATGTGTC	GAGAGGGCCT	GCTTCTCAGC	CACCGCCTCG	GACCTGCGCT	GGTCCCCCTG	120
382	CACCGCCTGC	CTCGAACCT	GGACGCCCGG	ATTGCCCGCC	TGGCCCAGTA	CCGTGCACTC	180
384	CTGCAGGGGG	CCCCGGATGC	GATGGAGCTG	CGCGAGCTGA	CGCCCTGGGC	TGGGCGGCC	240
386	CCAGGTCCGC	GCCGTCGGGC	GGGGCCCCGG	CGGCGGCGCG	CGCGTGCCTG	GTTGGGGCG	300
388	CGGCCTTGCG	GGCTGCGCGA	GCTGGAGGTG	CGCGTGAGCG	AGCTGGGCCT	GGGCTACGCG	360
390	TCCGACGAGA	CGGTGCTGTT	CCGCTACTGC	GCAGGGCCCT	GCGAGGCTGC	CGCGCGCGTC	420

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/476,290

DATE: 08/22/2001

TIME: 17:13:40

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08162001\I476290.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49

OIPE

RAW SEQUENCE LISTING DATE: 07/24/2001
PATENT APPLICATION: US/09/476,290 **TIME:** 11:17:20

Input Set : A:\6029-2669.txt
Output Set: N:\CRF3\07242001\I476290.raw

SEQUENCE LISTING

- 4 (1) GENERAL INFORMATION:

5 (i) APPLICANT: JOHNSON JR, EUGENE M
6 MILBRANDT, JEFFREY D
7 KOTZBAUER, PAUL T
8 LAMPE, PATRICIA A

9 (ii) TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS

10 (iii) NUMBER OF SEQUENCES: 169

11 (iv) CORRESPONDENCE ADDRESS:
12 (A) ADDRESSEE: HOWELL & HAVERKAMP, L.C.
13 (B) STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
14 (C) CITY: ST. LOUIS
15 (D) STATE: MISSOURI
16 (E) COUNTRY: US
17 (F) ZIP: 63105-1817

18 (v) COMPUTER READABLE FORM:
19 (A) MEDIUM TYPE: Floppy disk
20 (B) COMPUTER: IBM PC compatible
21 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
22 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

23 (vi) CURRENT APPLICATION DATA:
24 (A) APPLICATION NUMBER: US/09/476,290
25 (B) FILING DATE: 30-Dec-1999
26 (C) CLASSIFICATION:

27 (vii) ATTORNEY/AGENT INFORMATION:
28 (A) NAME: HOLLAND, DONALD R
29 (B) REGISTRATION NUMBER: 35,197
30 (C) REFERENCE/DOCKET NUMBER: 6029-3161

31 (ix) TELECOMMUNICATION INFORMATION:
32 (A) TELEPHONE: (314) 727-5188
33 (B) TELEFAX: (314) 727-6092

Does Not Comply
Corrected Diskette Needed

ERRORRED SEQUENCES

- 4608 (2) INFORMATION FOR SEQ ID NO: 169:
4610 (i) SEQUENCE CHARACTERISTICS:
4611 (A) LENGTH: 450 base pairs
4612 (B) TYPE: nucleic acid
4613 (C) STRANDEDNESS: single
4614 (D) TOPOLOGY: linear
4616 (ii) MOLECULE TYPE: cDNA
4621 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 169:
4623 ACCCTGGACG CCCGCATCGC CCGCCTGGCC CAGTATCGCG CTCTGCTCCA GGGCGCCCCC 60
4625 GACGCGGTGG AGCTTCGAGA ACTTTCTCCC TGGGCTGCC GCATCCCAGG ACCGCGCCGT 120
4627 CGAGCGGGTTC CCCGGCGTCG GCGGGCGCGG CCGGGGGCTC GGCTTGTGG GCTGCGCGAG 180
4629 CTCGAGGTGCG GCGTGAGCGA GCTGGGCCTG GGCTACACGT CGGATGAGAC CGTGCTGTT 240

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/476,290

DATE: 07/24/2001

TIME: 11:17:20

Input Set : A:\6029-2669.txt

Output Set: N:\CRF3\07242001\I476290.raw

4631	CGCTACTGCG CAGGC GCG GTG CGAGG C GGG CC ATCCG CAT CT ACG ACCT GGG CCTT C GGC G	300
4633	CTG CGC CAGC GGAGG C GCG GT GCG CAG AGAG CGGG C GCG GGG CGC ACC CG TG TTG TCG CCC G	360
4635	ACGG C CTAT G AGG AC GAG GT GTC CCT TG GAC GTG CACA GCC GCT ACCA CAC GCT GCAA	420
4637	GAG C TGT C GGG CGG GAG TG CGC GTG CGT G	450

W--> 4643 1

E--> 4646 62433215.doc

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/476,290

DATE: 07/24/2001

TIME: 11:17:21

Input Set : A:\6029-2669.txt
Output Set: N:\CRF3\07242001\I476290.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:4643 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:169
L:4646 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:4646 M:333 E: Wrong sequence grouping, Amino acids not in groups!